



Captains are invited to the stage.

Chairperson reads the tasks aloud and gives out this sheet to each Captain.

The time to solve all problems is **5 minutes**.

Points for any problem can be either **0** (invalid, absent, incomplete, unintelligible or wrong answer) or **1** (correct answer).

All answers and number of points are public.

The winner is determined by the maximum number of correct answers.

In case of a tie, an extra Problem 6 is offered, and the Captain with the best answer gets an extra 1 point.

The sheets with answers and names of Captains are then submitted to the Scoring Commission for archiving.

All scores (including an extra point in a tie breaker) and the winner are recorded in Science Fight Protocol.

7th IYNT 2019: Captain's Contest for Finals

Team _____ Captain's name _____ Group _____

Problem	Answer	Points (0 or 1) filled by Chairperson
1. Below is given a list of five gases. Indicate the only one which is not a noble gas. Argon (Ar), Krypton (Kr), Nitrogen (N ₂), Radon (Rn), Xenon (Xe)		
2. Arrange these reptiles in the order of increasing body mass: Aldabra giant tortoise (<i>Aldabrachelys gigantea</i>), New Caledonian giant gecko (<i>Rhacodactylus leachianus</i>), Saltwater crocodile (<i>Crocodylus porosus</i>)		
3. The product of two prime numbers is a prime number. Is this statement true or false?		
4. Name the number of lenses (<i>Lens crystallin</i>) in a healthy human.		
5. Alexander Fleming (1881—1955) has accidentally discovered that colonies of staphylococci are destroyed if contaminated with a fungus. Such fungi produce a compound that has revolutionized medicine in the XX century. Name the compound that Fleming has discovered.		

Do not answer the question below unless a tie breaker is announced

6. <i>Caenorhabditis elegans</i> is a transparent nematode about 1 mm in length. An adult hermaphrodite has an exactly known number of neurons. It has been possible to map the entire network of these neurons and the way they control behavior of <i>C. elegans</i> . Name the number of neurons in <i>C. elegans</i> .		
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